

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1249581

Luminaire Tested: P3AS17R209027DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249581
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209027DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

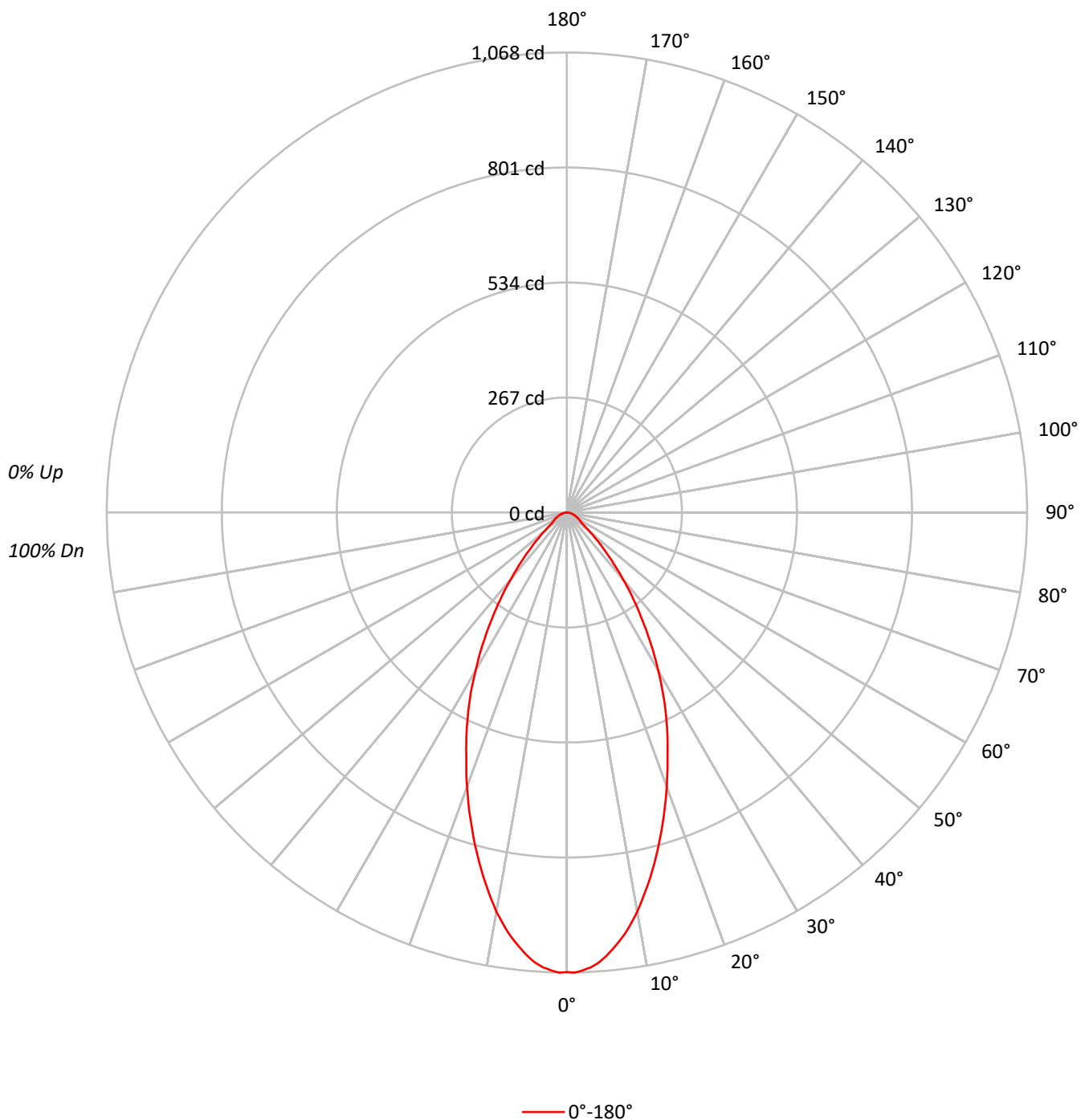
Lumens per Lamp: N/A
Luminaire Lumens: 946.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233994
5°	227756
10°	209504
15°	184405
20°	158167
25°	132879
30°	107409
35°	81700
40°	58137
45°	38392
50°	23777
55°	15636
60°	14209
65°	13075
70°	12310
75°	11184
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38392 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	10.1
10°-20°	226.1	23.9
20°-30°	251.0	26.5
30°-40°	191.5	20.2
40°-50°	98.1	10.4
50°-60°	40.3	4.3
60°-70°	25.1	2.7
70°-80°	14.1	1.5
80°-90°	4.1	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	572.9	60.6
0°-40°	764.4	80.8
0°-60°	902.7	95.4
0°-90°	946.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	946.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1067	
5°	1035	96
15°	812	226
25°	549	251
35°	305	191
45°	124	98
55°	41	40
65°	25	25
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1067.1
1°	1068.3
2°	1063.5
3°	1057.5
4°	1047.9
5°	1034.7
6°	1019.0
7°	1002.2
8°	984.2
9°	962.5
10°	940.9
12.5°	878.4
15°	812.3
17.5°	745.0
20°	677.8
22.5°	610.5
25°	549.2
27.5°	487.9
30°	424.2
32.5°	364.1
35°	305.2
37.5°	253.6
40°	203.1
42.5°	159.8
45°	123.8
47.5°	93.7
50°	69.7
52.5°	51.7
55°	40.9
57.5°	37.3
60°	32.4
62.5°	28.8
65°	25.2
67.5°	21.6
70°	19.2
72.5°	15.6
75°	13.2
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2
90°	0.0

(END OF REPORT)